This seems pretty basic to me …….

Here is a simplified version of how someone would use Sky Command II

- Control Unit --- TH-D7A / TM-D700A / TS-2000
- Remote Unit --- TS-2000

A. On your Control Unit you send a Control Command via the **440Mhz** (70cm) band to the Remote Unit to set a frequency of lets say 28.650Mhz … (within FCC rules)
B. The Remote Unit then sends back a confirmation response to your Control Unit via the same **440Mhz** (70cm) band that the remote frequency is set to 28.650 … (still within FCC rules)
C. You now send a voice transmission via the Control Unit to the Remote Unit, again this is done on the **440Mhz** (70cm) band ... (obviously within FCC rules)
D. *This is where it gets really simple* …… The remote unit receives and now transmits (repeats) your voice signal on 28.650 to anyone that is listening. When someone responds to that transmission, the remote unit receives their HF signal and sends it (repeats it) to the control unit via the **144Mhz** (2 meter) band.

What are we doing here ……. nothing more than we have ALREADY BEEN "ALLOWED" TO DO for some time ---- **Cross-Band Repeat**, this time of an HF signal instead of the traditional VHF or UHF signal.

In response to the comments that Sky Command would infringe on an already crowded 2 meter band, it would be using no more of the band than we can already use if we have an Icom W32A and want to do cross-band repeat of a 440Mhz frequency over to a 144Mhz frequency.

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